

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in this application:

1 – 13. Canceled

14. (Previously Presented) A diaphragm edge of a speaker, comprising:
a material formed by compressing components, including silicon rubber;
an emboss formed from the material and positioned on a front surface of the diaphragm edge;
a first adhesion portion disposed at an inner circumference of the diaphragm edge;
a second adhesion portion disposed at an outer circumference of the diaphragm edge;
a roll disposed between the first and second adhesion portions; and
a raised portion provided on a lower surface of the roll to be convex in shape, the raised portion forming a line that is positioned in a direction parallel to the inner or outer circumference of the diaphragm edge,
wherein the roll is one of an up-roll, a down-roll, an N-roll, an M-roll and a W-roll.

15. (Previously Presented) The diaphragm edge of claim 14, wherein a width of the raised portion is between 0.2 mm – 1.4 mm and the maximum height of the raised portion from the lower surface is 0.2 mm – 1.3 mm.

16. (Withdrawn) A diaphragm edge of a speaker, comprising:
a material formed by compressing components, including silicon rubber;
an emboss formed from the material and positioned on a front surface of the diaphragm edge, the emboss including:
a center line average (Ra) between 2.44 μm – 28.70 μm ,
a maximum peak to valley roughness height (Ry) between 14.25 μm – 120.00 μm , and
a ten point height (Rz) between 7.90 μm – 97.00 μm .

17. (Withdrawn) A diaphragm edge of a speaker, comprising:
a material formed by compressing components, including silicon rubber and powdered viscose rayon;
an emboss formed from the material and positioned on a front surface of the diaphragm edge, the emboss having:
a center line average (Ra) between 2.44 μm – 28.70 μm ,
a maximum peak to valley roughness height (Ry) between 14.25 μm – 120.00 μm , and
a ten point height (Rz) between 7.90 μm – 97.00 μm .

18. (Withdrawn) A diaphragm edge of a speaker, comprising:
a material formed by compressing components, including silicon rubber and powdered viscose rayon;

an emboss formed from the material and positioned on a front surface of the diaphragm edge, wherein the viscose rayon is powdered to have a length between 0.1 mm – 3.0 mm, the emboss having:

- a center line average (Ra) between 2.44 μm – 28.70 μm ,
- a maximum peak to valley roughness height (Ry) between 14.25 μm – 120.00 μm , and
- a ten point height average roughness (Rz) between 7.90 μm – 97.00 μm .

19. (Withdrawn) A diaphragm edge of a speaker, comprising:

a material formed by compressing components, including silicon rubber and powdered viscose rayon;

an emboss formed of the material and positioned on a front surface of the diaphragm edge, wherein the weight ratio between the silicon rubber and the viscose rayon is 100:3, the emboss having:

- a center line average (Ra) between 2.44 μm – 28.70 μm ,
- a maximum height (Ry) between 14.25 μm – 120.00 μm , and
- a ten point height average roughness (Rz) between 7.90 μm – 97.00 μm .

20. (Previously Presented) A diaphragm edge of a speaker, comprising:

a material formed by compressing components, including silicon rubber and powdered viscose rayon; and

an emboss formed from the material and positioned on a front surface of the diaphragm edge, wherein the diaphragm edge comprises:

- a first adhesion portion disposed at an inner circumference of the diaphragm edge;
- a second adhesion portion disposed at an outer circumference of the diaphragm edge;
- a roll disposed between the first and second adhesion portions; and
- a raised portion provided on a lower surface of the roll to be convex in shape, the raised portion forming a line that is positioned in a direction parallel to the inner or outer circumference of the diaphragm edge,

wherein the roll is one of an up-roll, a down-roll, an N-roll, an M-roll and a W-roll.

21. (Previously Presented) The diaphragm edge of claim 20, wherein a width of the raised portion is between 0.2 mm – 1.4 mm and the maximum height of the raised portion from the lower surface is 0.2 mm – 1.3 mm.

22. (Previously Presented) The diaphragm edge of claim 20, wherein the emboss has a center line average (R_a) between 2.44 μm – 28.70 μm , a maximum peak to valley roughness height (R_y) between 14.25 μm – 120.00 μm , and a ten point height (R_z) between 7.90 μm – 97.00 μm .